

Amendments to the Specification:

Page 16, amend the paragraph beginning on line 18 to read as follows:

4. An X-ray CT apparatus according to the present invention has: an X-ray tube generating an X-ray; a plurality of X-ray detectors ~~according to any one of claims 1 to 3~~ located in an arc in the second direction opposite the first X-ray tube; a detector control circuit producing a control signal for addressing the photo-electric means reading out the electric signal of the X-ray detector and inputting it to the second addressing line; a data acquisition system acquiring the electric signals outputted from the second data line to convert them to digital data; arithmetic processing means performing arithmetic processing the digital data; and an image display unit displaying the result of the arithmetic processing. In such construction, the X-ray CT apparatus on which the X-ray detectors are mounted to obtain a tomographic image of an object can be realized.

Page 17, amend the paragraph beginning on line 16 to read as follows:

6. An X-ray imaging system according to the present invention has: an X-ray tube generating an X-ray; one or more X-ray detectors ~~according to any one of claims 1 to 3~~ located opposite the X-ray tube; a detector control circuit producing a control signal for addressing the photo-electric means reading out the electric signal of the X-ray detector and inputting it to the second addressing line; a data acquisition system acquiring the electric signals outputted from the second data line to convert them to digital data; and an image display unit displaying the digital data. In such construction, the X-ray imaging system on which the X-ray detectors are mounted to obtain a projection of an object can be realized.